

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yung-Feng Lin</td> <td>01/15/2013</td> </tr> <tr> <td>Su-Chueh Lo</td> <td>01/16/2013</td> </tr> <tr> <td>Tai-Feng Chen</td> <td>01/11/2013</td> </tr> <tr> <td>Yi-Fan Chang</td> <td>01/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yung-Feng Lin	01/15/2013	Su-Chueh Lo	01/16/2013	Tai-Feng Chen	01/11/2013	Yi-Fan Chang	01/16/2013
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Yi-Fan Chang	01/16/2013										
RECEIVING PARTY DATA											
Name:	Macronix International Co., Ltd.										
Street Address:	No. 16, Li-Hsin Road										
Internal Address:	Science-Based Industrial Park										
City:	Hsinchu										
State/Country:	TAIWAN										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13801500</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13801500						
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CORRESPONDENCE DATA											
Fax Number:	6507120263										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	jgray@hmbay.com										
Correspondent Name:	Yiding Wu										
Address Line 1:	Haynes Beffel & Wolfeld LLP										
Address Line 2:	P.O. Box 366										
Address Line 4:	Half Moon Bay, CALIFORNIA 94019										
ATTORNEY DOCKET NUMBER:	MXIC 2041-1										
NAME OF SUBMITTER:	Yiding Wu										
Total Attachments: 4 source=00365066#page1.tif source=00365066#page2.tif source=00365066#page3.tif source=00365066#page4.tif											

OP \$40.00 13801500

MXIC 2041-1
(P1010097US)

ASSIGNMENT

WHEREAS, the undersigned,

- | | | | |
|-----|--|-----|---|
| (1) | Yung-Feng Lin 林永豐
Taoyuan County, Taiwan | (2) | Su-Chueh Lo 羅思覺
Hsinchu City, Taiwan |
| (3) | Tai-Feng Chen 陈太峰
Jiang Shu Province, China | (4) | Yi-Fan Chang 張逸凡
Pingjhen City, Taiwan |

hereinafter termed "Inventors", have invented certain new and useful improvements in

DEVICE AND METHOD FOR IMPROVING READING SPEED OF MEMORY

and have filed a non-provisional Application for a United States patent disclosing and identifying the above invention on 13 March 2013 as Application No. 13/801,500, OR have executed an oath or declaration of inventorship for such non-provisional application on:

- (1) the 15th day of January, 2013;
 (2) the 16th day of January, 2013;
 (3) the 1th day of January, 2013;
 (4) the 16th day of January, 2013.

(hereinafter termed "application"); and

WHEREAS, Macronix International Co., Ltd., a corporation of Taiwan, having a place of business at No. 16, Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors jointly or severally (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby jointly and severally sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any

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and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, jointly and severally, the inventors' respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that said inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventors hereby authorize any of the following attorneys and agents:
Mark A. Haynes, Ernest J. Beffel, Jr., Warren S. Wolfeld, James F. Hann, Kenta Suzue, Ryan Davis and Yiding Wu to (a) insert the date of execution of the oath or declaration of inventorship, and (b) insert the application number and filing date of this application when known.

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IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date written below.

YUNG-FENG LIN 林永豐

Date: _____

SU-CHUEH LO
SU-CHUEH LO 羅思覺

Date: 2013.1.16.

TAI-FENG CHEN 陈太峰

Date: _____

YI-FAN CHANG
YI-FAN CHANG 張逸凡

Date: 2013.1.16

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IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the date written below.

YUNG-FENG LIN 林永豐
YUNG-FENG LIN 林永豐

Date: 2013/1/11

SU-CHUEH LO 羅思覺

Date: _____

TAI-FENG CHEN 陳太峰
TAI-FENG CHEN 陳太峰

Date: 2013/1/11

YI-FAN CHANG 張逸凡

Date: _____